LSC Area Percent Report

Data Path : U:\HPCHEM1\BNA F\DATA\BF101816\
Data File : BF090636.D
Acq On : 18 Oct 2016 19:03
Operator : UM/SJ
Sample : H5289-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.908	42	50	55	rVB	36322	116962	1.62%	0.112%
2	5.080	238	240	244	rBV	738966	1074322	14.87%	1.031%
3	5.503	275	277	280	rBV	2912771	4003405	55.42%	3.843%
4	5.731	296	297	301	rVB3	61931	94213	1.30%	0.090%
5	6.143	330	333	336	rVV4	79577	110054	1.52%	0.106%
6	6.337	347	350	352	rBV2	54242	85709	1.19%	0.082%
7	6.429	356	358	362	rVB3	82118	102049	1.41%	0.098%
8	6.543	365	368	370	rBV	2865847	4144902	57.38%	3.979%
9	6.669	377	379	382	rBV	4406082	4126876	57.13%	3.962%
10	6.737	382	385	387	rVB2	92376	129886	1.80%	0.125%
11	6.897	397	399	403	rBV	1364238	1306069	18.08%	1.254%
12	7.057	411	413	415	rBV	3976543	3578187	49.53%	3.435%
13	7.172	420	423	425	rVB2	46365	88158	1.22%	0.085%
14	7.297	432	434	436	rBV3	67793	87294	1.21%	0.084%
15	7.469	446	449	451	rBV	2068497	2682785	37.14%	2.575%
16	7.503	451	452	454	rVV	167370	135272	1.87%	0.130%
17	7.549	454	456	458	rVB2	72558	96712	1.34%	0.093%
18	7.937	486	490	492	rBV5	64692	126669	1.75%	0.122%
19	8.006	492	496	499	rVB5	41601	109478	1.52%	0.105%
20	8.189	509	512	516	rBV2	1921293	2352439	32.57%	2.258%
21	8.246	516	517	519	rVV2	98291	118102	1.63%	0.113%
22	8.612	547	549	551	rBV	244844	221488	3.07%	0.213%
23	8.783	562	564	566	rBV	209141	184827	2.56%	0.177%
24	8.898	573	574	577	rVB	320259	309242	4.28%	0.297%
25	9.000	581	583	585	rBV	313450	256095	3.55%	0.246%
26	9.218	600	602	604	rVB	79742	105079	1.45%	0.101%
27	9.263	604	606	609	rBV	4681722	4325557	59.88%	4.152%
28	9.343	611	613	617	rVV2	200831	280039	3.88%	0.269%
29	9.526	627	629	631	rVB2	106248	155422	2.15%	0.149%
30	9.606	634	636	637	rVV	217806	275448	3.81%	0.264%
31	9.663	639	641	644	rVV	884656	1080577	14.96%	1.037%
32	9.720	644	646	651	rVB	138936	193033	2.67%	0.185%
33	9.800	651	653	655	rBV	319255	333433	4.62%	0.320%
34	9.880	655	660	662	rVB	228426	331868	4.59%	0.319%

LSC Area Percent Report

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Sample : H5289-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.949	663	666	667	rBV	1438802	1761902	24.39%	1.691%
36	9.972	667	668	670	rVB2	271037	369353	5.11%	0.355%
37	10.098	677	679	681	rBV2	47596	104087	1.44%	0.100%
38	10.143	681	683	685	rBV	288185	345715	4.79%	0.332%
39	10.189	685	687	690	rVB3	91510	136916	1.90%	0.131%
40	10.258	692	693	695	rBV	97039	110424	1.53%	0.106%
41	10.372	699	703	705	rBV2	290147	415452	5.75%	0.399%
42	10.486	712	713	717	rVB2	244240	294974	4.08%	0.283%
43	10.601	720	723	725	rBV2	163531	246765	3.42%	0.237%
44	10.646	725	727	729	rVB	201283	192400	2.66%	0.185%
45	10.738	732	735	737	rBV	1898349	2272782	31.46%	2.182%
46	10.863	743	746	749	rVB	493268	779513	10.79%	0.748%
47	11.046	758	762	763	rBV3	96986	161865	2.24%	0.155%
48	11.172	770	773	777	rBV3	112051	259350	3.59%	0.249%
49	11.241	777	779	781	rBV	254029	326710	4.52%	0.314%
50	11.298	781	784	785	rBV2	260298	312134	4.32%	0.300%
51	11.332	785	787	790	rVB	227588	277207	3.84%	0.266%
52	11.435	793	796	797	rBV	1278701	1704357	23.59%	1.636%
53	11.458	797	798	801	rVV	4211051	3366718	46.61%	3.232%
54	11.503	801	802	804	rVB	642928	681116	9.43%	0.654%
55	11.606	810	811	813	rVB	93264	88001	1.22%	0.084%
56	11.663	813	816	820	rBV	282734	537599	7.44%	0.516%
57	11.732	820	822	823	rVV	190723	245942	3.40%	0.236%
58	11.766	823	825	828	rVB2	116470	119737	1.66%	0.115%
59	11.823	828	830	834	rBV2	45384	82777	1.15%	0.079%
60	11.938	837	840	841	rBV	386970	449502	6.22%	0.431%
61	11.961	841	842	845	rVV	755637	674997	9.34%	0.648%
62	12.006	845	846	848	rVV	159380	182043	2.52%	0.175%
63	12.041	848	849	854	rVB	539271	938791	13.00%	0.901%
64	12.132	855	857	859	rVV3	126783	174499	2.42%	0.168%
65	12.258	864	868	871	rVV2	446890	841106	11.64%	0.807%
66	12.486	886	888	890	rBV2	324970	421138	5.83%	0.404%
67	12.521	890	891	894	rVV2	242964	313932	4.35%	0.301%
68	12.566	894	895	898	rVV	278354	429455	5.95%	0.412%
69	12.658	900	903	905	rBV	4854817	5735324	79.40%	5.506%
70	12.692	905	906	909	rVV2	109235	203985	2.82%	0.196%
71	12.795	912	915	917	rBV2	153207	357722	4.95%	0.343%

LSC Area Percent Report

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Sample : H5289-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2-1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.886	919	923	925	rVV2	4134610	5773621	79.93%	5.542%
73	12.932	925	927	930	rVB2	190510	308175	4.27%	0.296%
74	13.024	930	935	939	rBV	3303279	3789321	52.46%	3.637%
75	13.092	939	941	943	rBV2	387356	669219	9.26%	0.642%
76	13.207	947	951	953	rBV2	535705	935365	12.95%	0.898%
77	13.309	958	960	964	rBV	642587	802424	11.11%	0.770%
78	13.401	967	968	970	rBV	296625	258153	3.57%	0.248%
79	13.435	970	971	973	rBV2	211403	201320	2.79%	0.193%
80	13.721	993	996	998	rBV	517661	694019	9.61%	0.666%
81	13.824	1003	1005	1007	rBV	501985	778332	10.77%	0.747%
82	13.858	1007	1008	1009	rVV	513945	465449	6.44%	0.447%
83	13.927	1012	1014	1016	rVB	811490	938882	13.00%	0.901%
84	14.075	1024	1027	1029	rBV2	3234927	5952946	82.41%	5.714%
85	14.109	1029	1030	1034	rVV	2749343	2958502	40.96%	2.840%
86	14.189	1035	1037	1039	rVB	553687	501252	6.94%	0.481%
87	14.475	1059	1062	1063	rVB	402774	535390	7.41%	0.514%
88	14.509	1063	1065	1067	rBV2	335910	361746	5.01%	0.347%
89	14.555	1067	1069	1071	rBV3	276919	376763	5.22%	0.362%
90	15.138	1116	1120	1124	rBV	3040478	7223636	100.00%	6.934%
91	15.230	1127	1128	1130	rVB	474473	507683	7.03%	0.487%
92	15.435	1143	1146	1149	rVB	1605602	2302380	31.87%	2.210%
93	15.492	1149	1151	1154	rBV	1818423	2586336	35.80%	2.483%
94	15.561	1154	1157	1158	rBV	759164	1344533	18.61%	1.291%
95	16.247	1215	1217	1225	rVB4	324477	784967	10.87%	0.754%
96	16.670	1252	1254	1262	rVB4	412186	1059208	14.66%	1.017%
97	17.013	1280	1284	1289	rVB2	736381	1556412	21.55%	1.494%
98	17.184	1296	1299	1301	rBV	152321	331152	4.58%	0.318%
99	17.241	1302	1304	1308	rVV2	181303	374888	5.19%	0.360%
100	17.447	1319	1322	1327	rVB	532127	1163838	16.11%	1.117%

Sum of corrected areas: 104173853

LSC Report - Integrated Chromatogram

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Data File : BF090636.D
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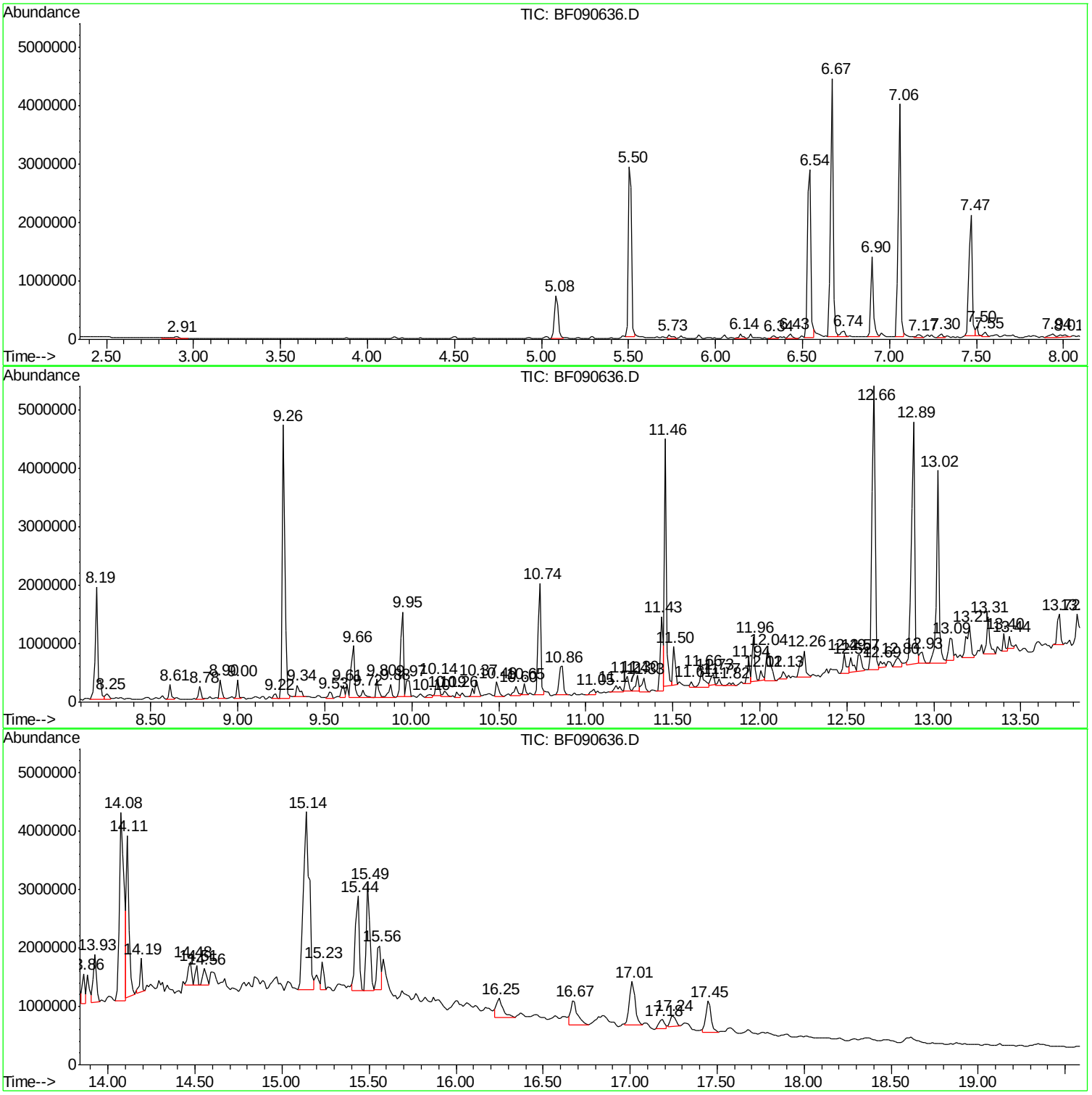
Operator : UM/SJ
Sample : H5289-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : U:\HPCHEM1\BNA F\DATA\BF101816\
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

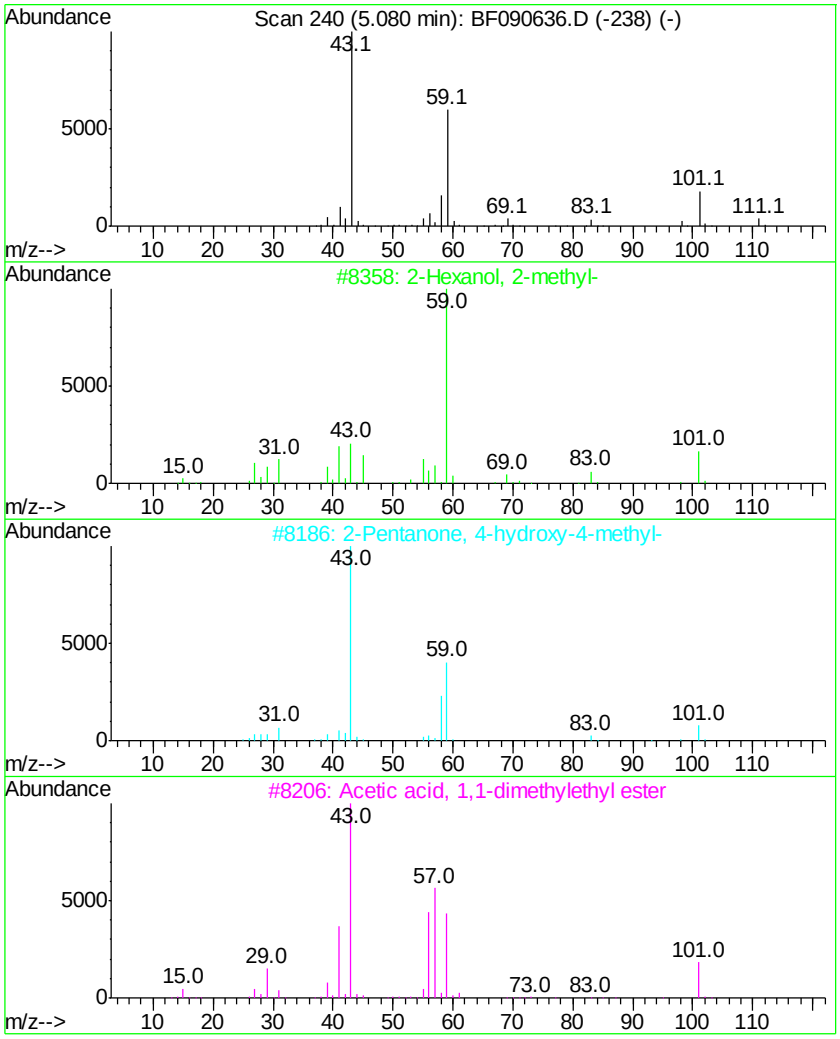
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

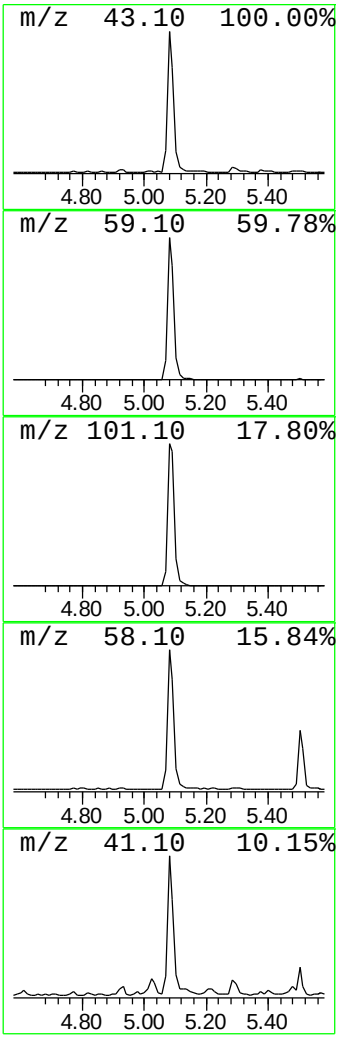
****

Peak Number 1 2-Hexanol, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	16.45 ng	1074320	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	42
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	35
5	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28





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Sample : H5289-06
Misc :
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Instrument : BNA_F
ClientSampleId : SP-2-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

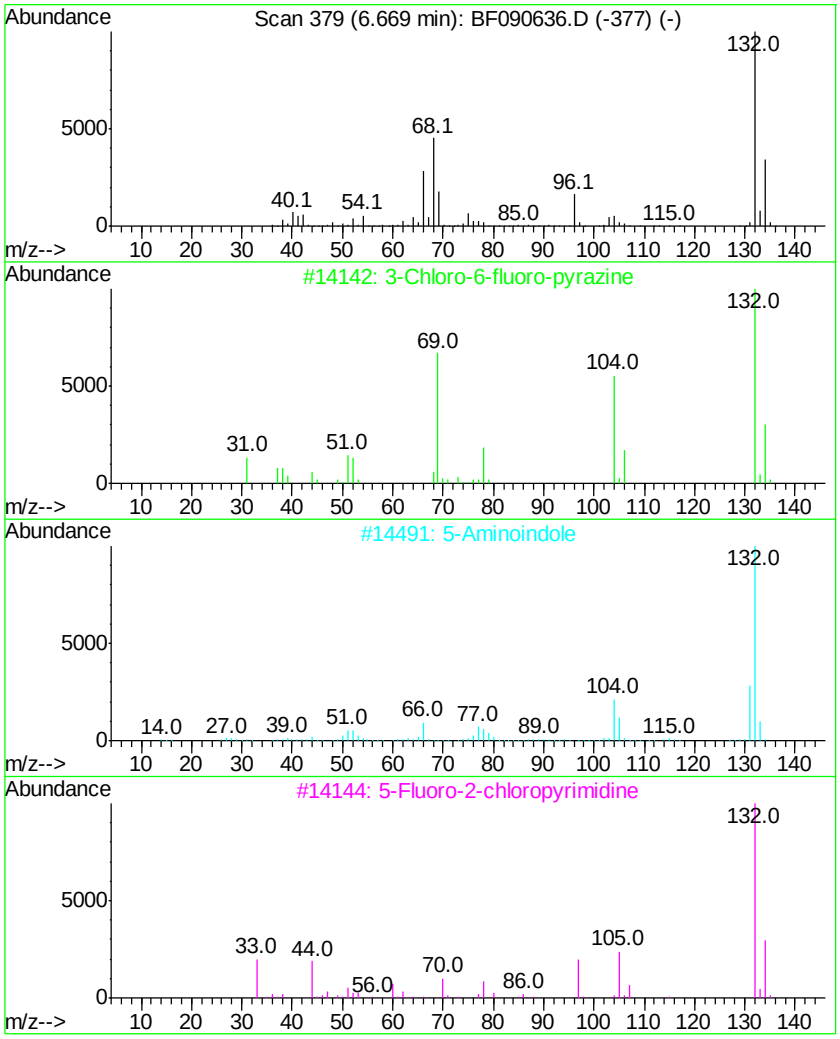
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

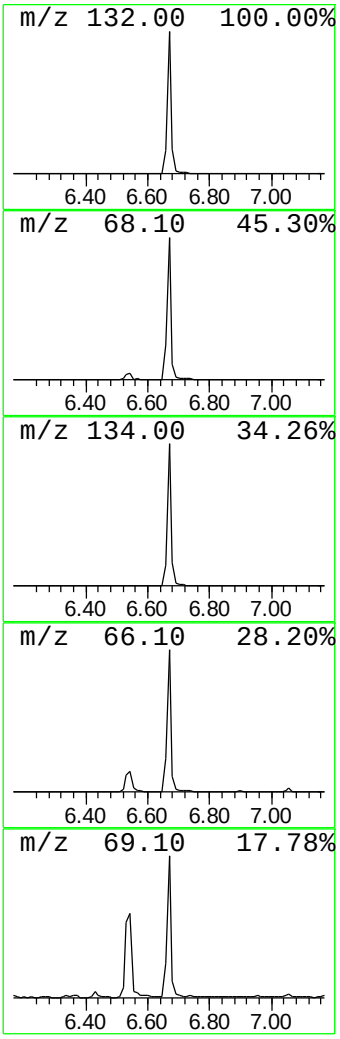
****

Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	63.20 ng	4126880	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Instrument : BNA_F
ClientSampleId : SP-2-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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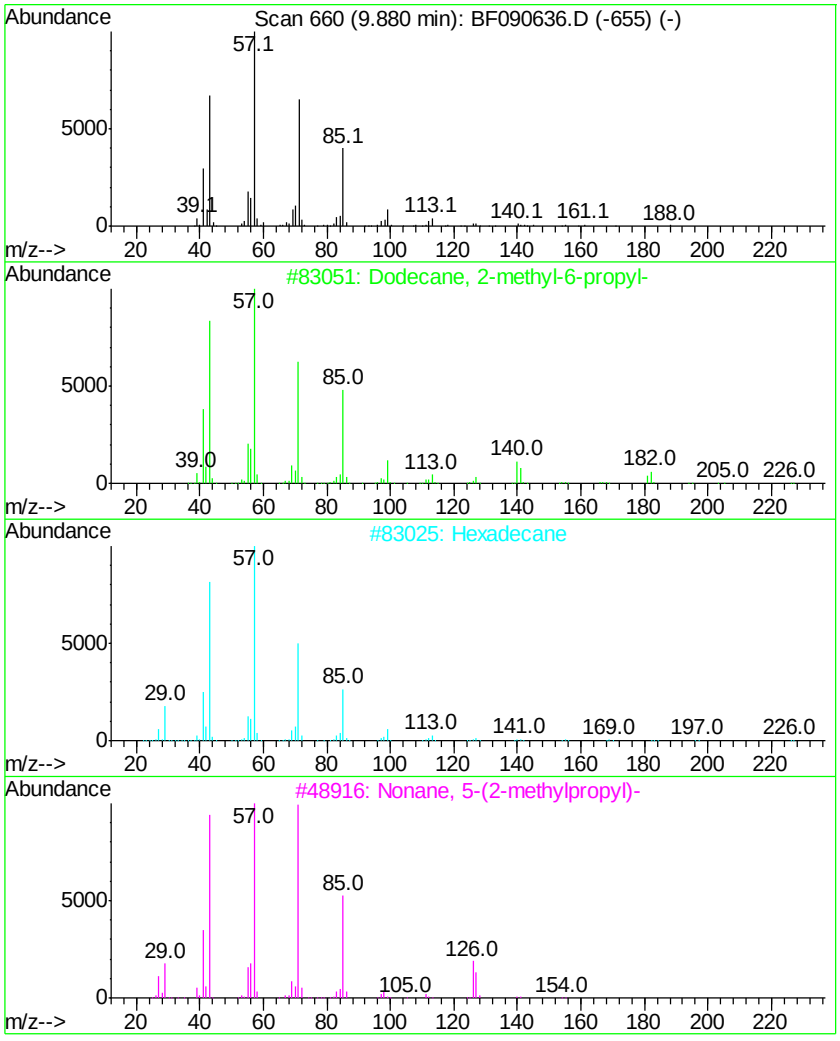
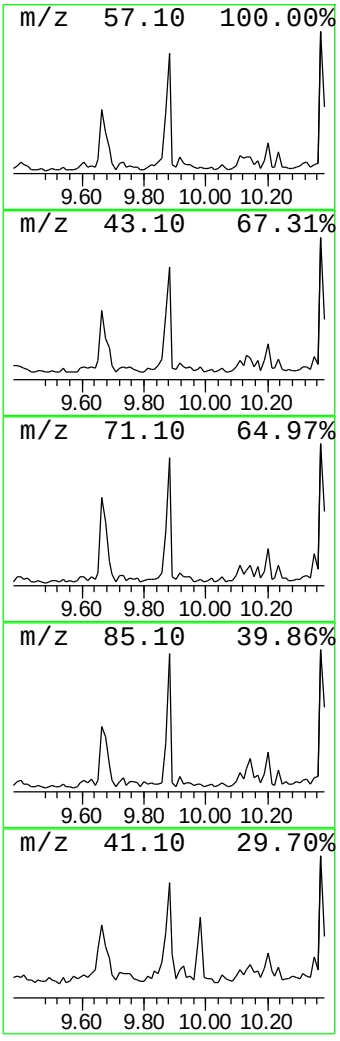
Peak Number 4 Dodecane, 2-methyl-6-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.88	3.77 ng	331868	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78
2	Hexadecane	226	C16H34	000544-76-3	72
3	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53
4	Sulfurous acid, hexyl heptyl ester	264	C13H28O3S	1000309-12-9	49
5	1-Iodoundecane	282	C11H23I	004282-44-4	47





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Instrument : BNA_F
ClientSampleId : SP-2-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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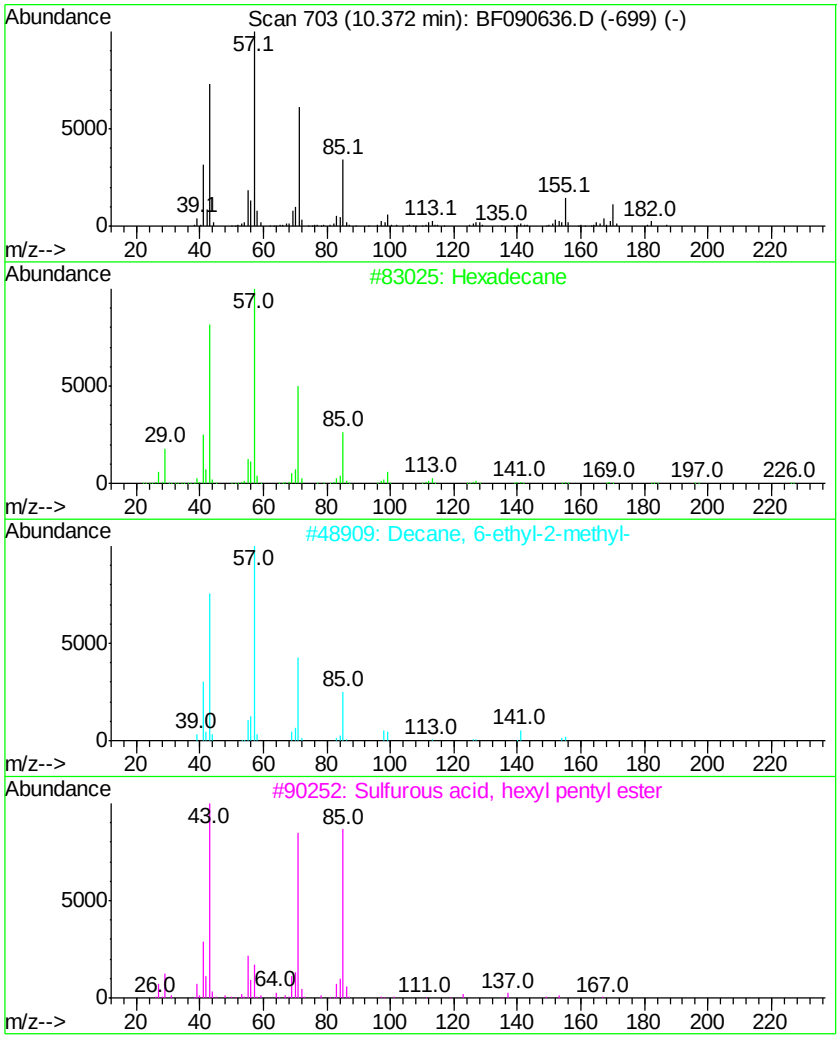
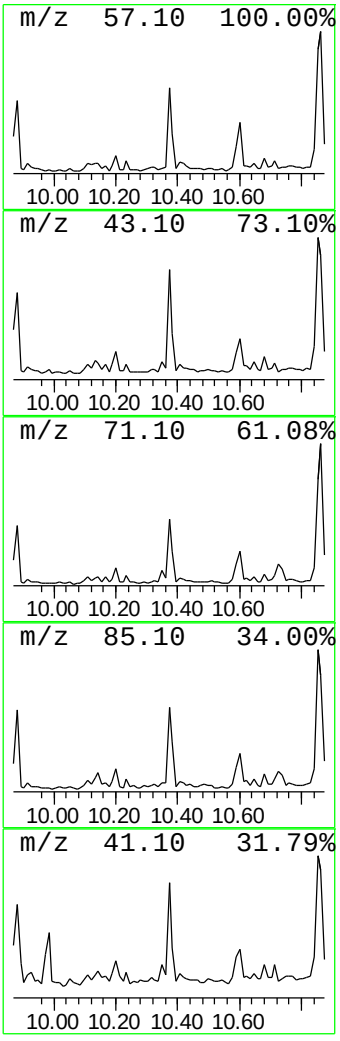
Peak Number 5 Hexadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	4.72 ng	415452	Acenaphthene-d10	9.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	68
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
3	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	50
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	50
5	3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	46





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Sample : H5289-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

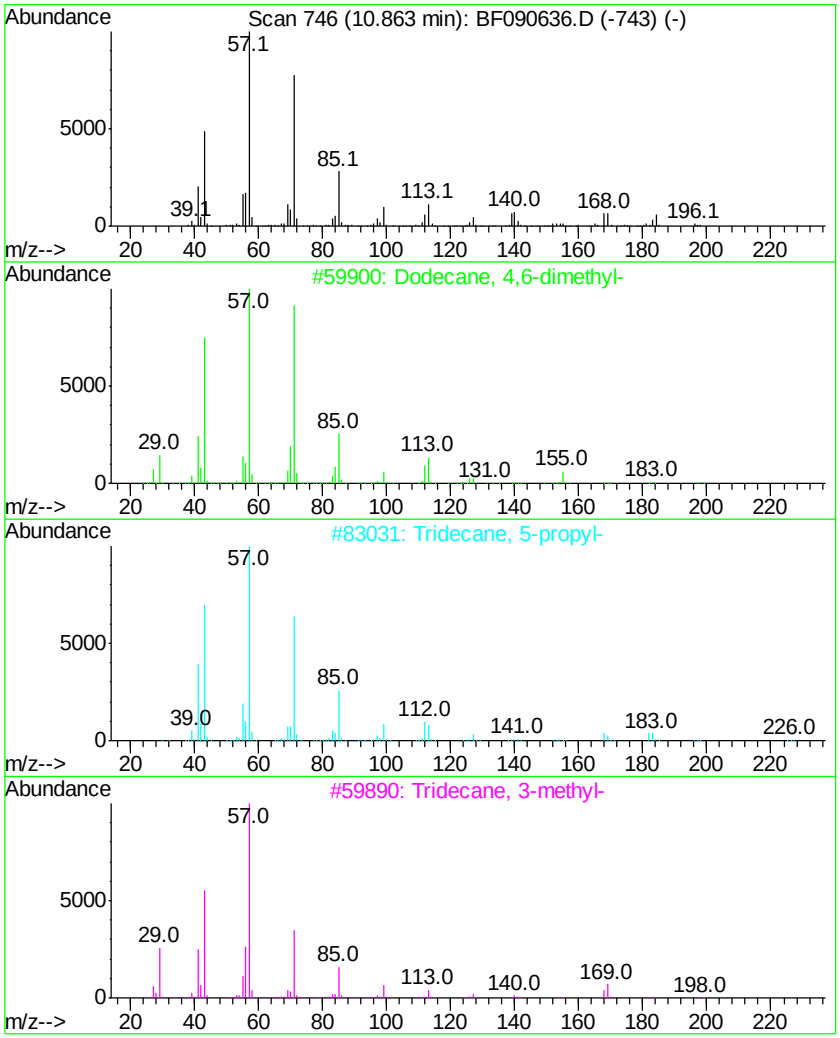
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

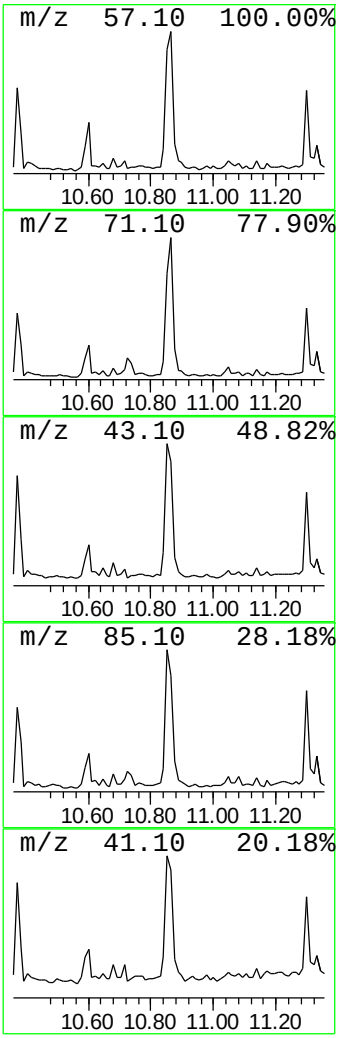
****

Peak Number 6 Dodecane, 4,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	9.15 ng	779513	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	80
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	76
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64





Data Path : U:\HPCHEM1\BNA F\DATA\BF101816\
Data File : BF090636.D
Acq On : 18 Oct 2016 19:03
Operator : UM/SJ
Sample : H5289-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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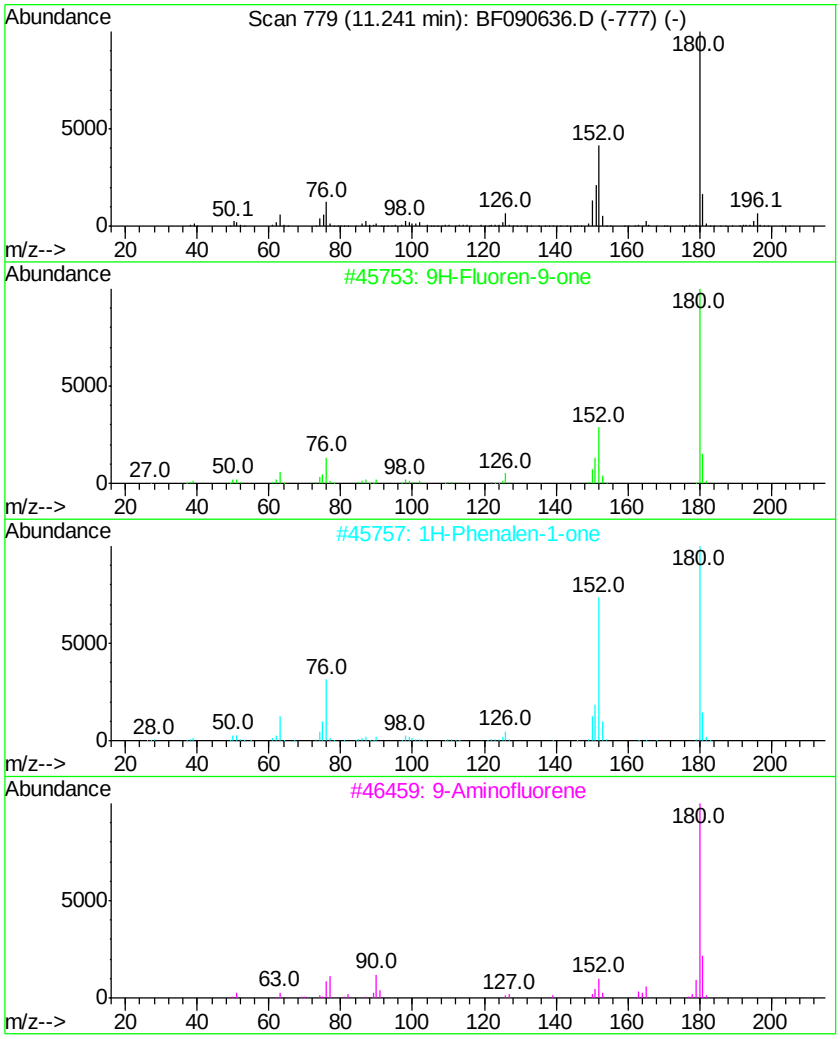
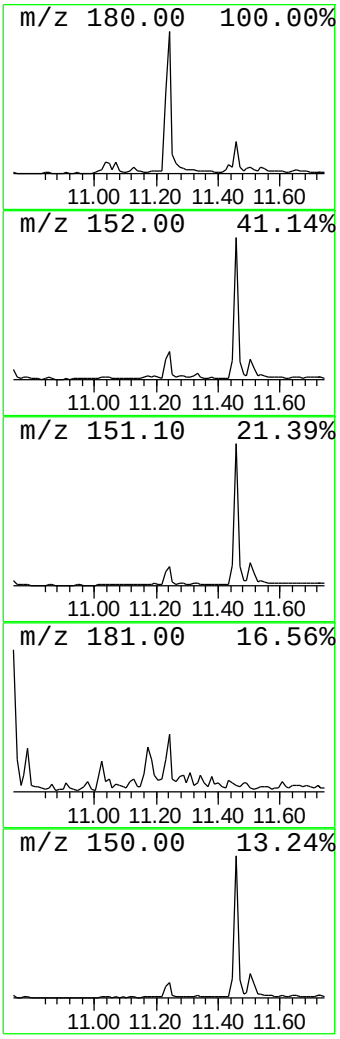
Peak Number 7 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	3.83 ng	326710	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	52
3	9-Aminofluorene	181	C13H11N	000525-03-1	40
4	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	38
5	4-Chloro-2-hydroxy-1,5-naphthyri...	180	C8H5ClN2O	095474-59-2	38





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Acq On : 18 Oct 2016 19:03
Operator : UM/SJ
Sample : H5289-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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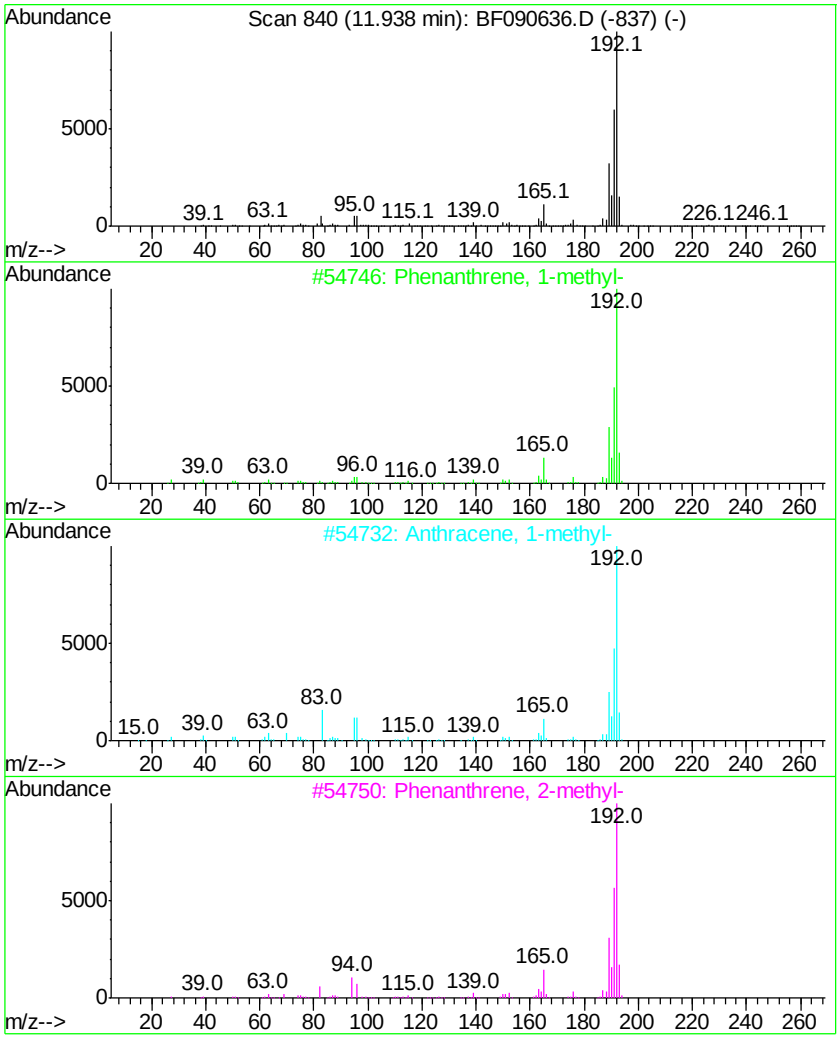
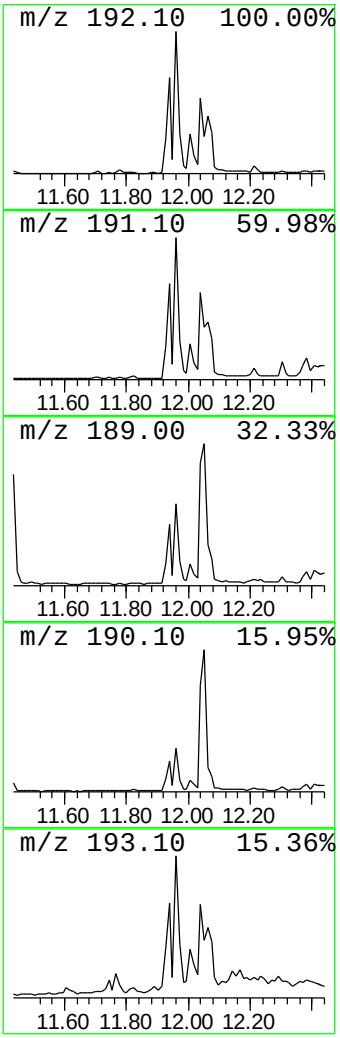
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	5.27 ng	449502	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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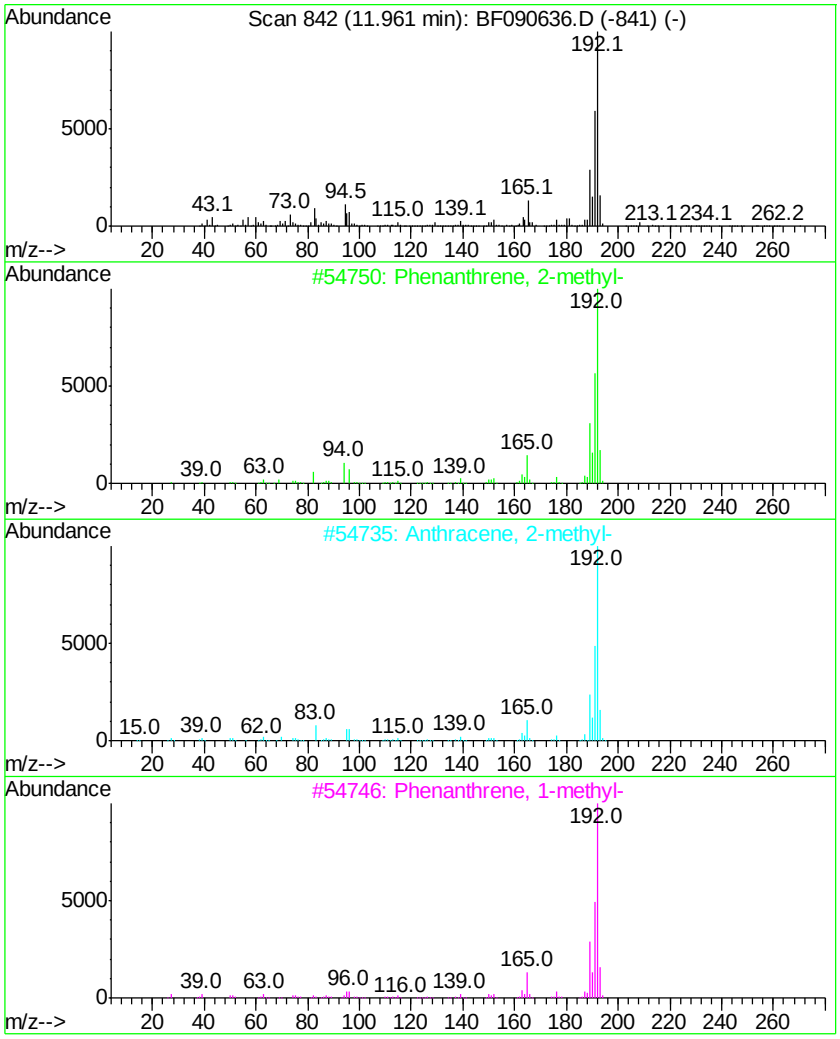
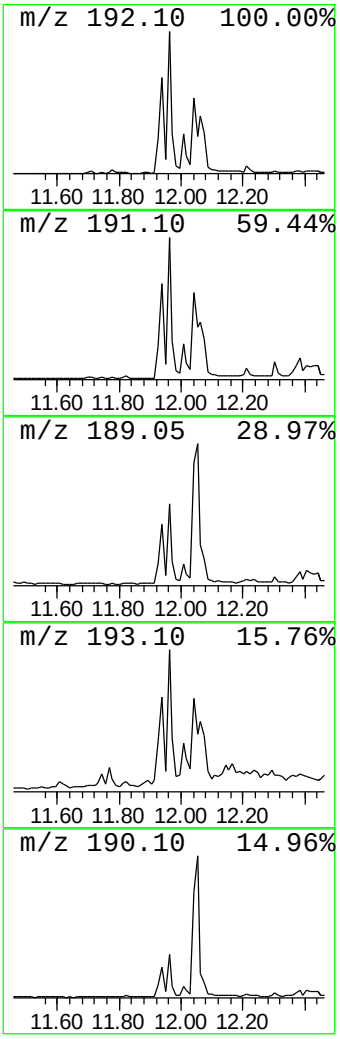
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	7.92 ng	674997	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





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Misc :
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ClientSampleId : SP-2-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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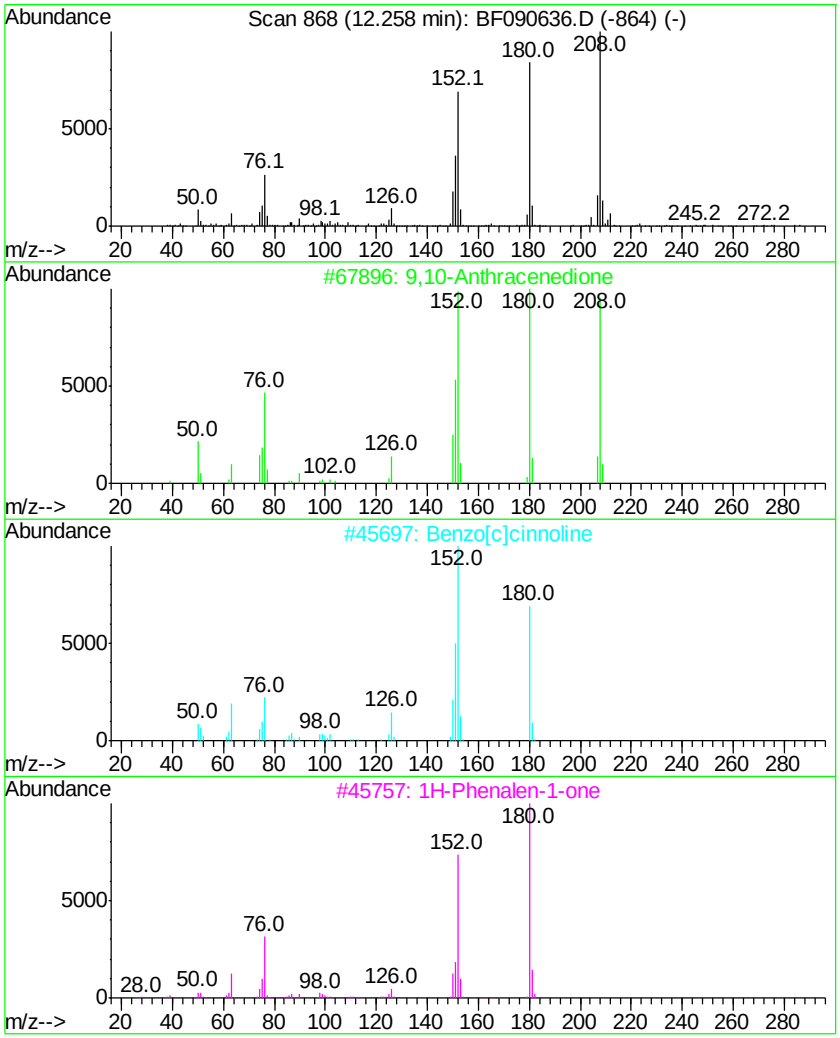
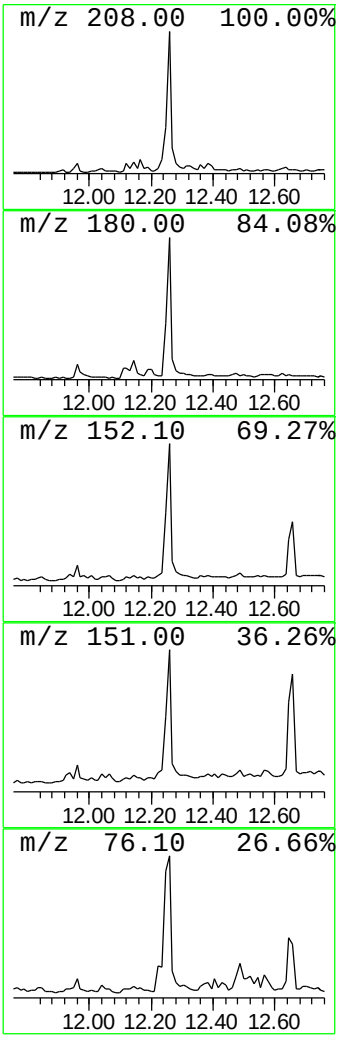
Peak Number 11 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	9.87 ng	841106	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	49
5	5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	47





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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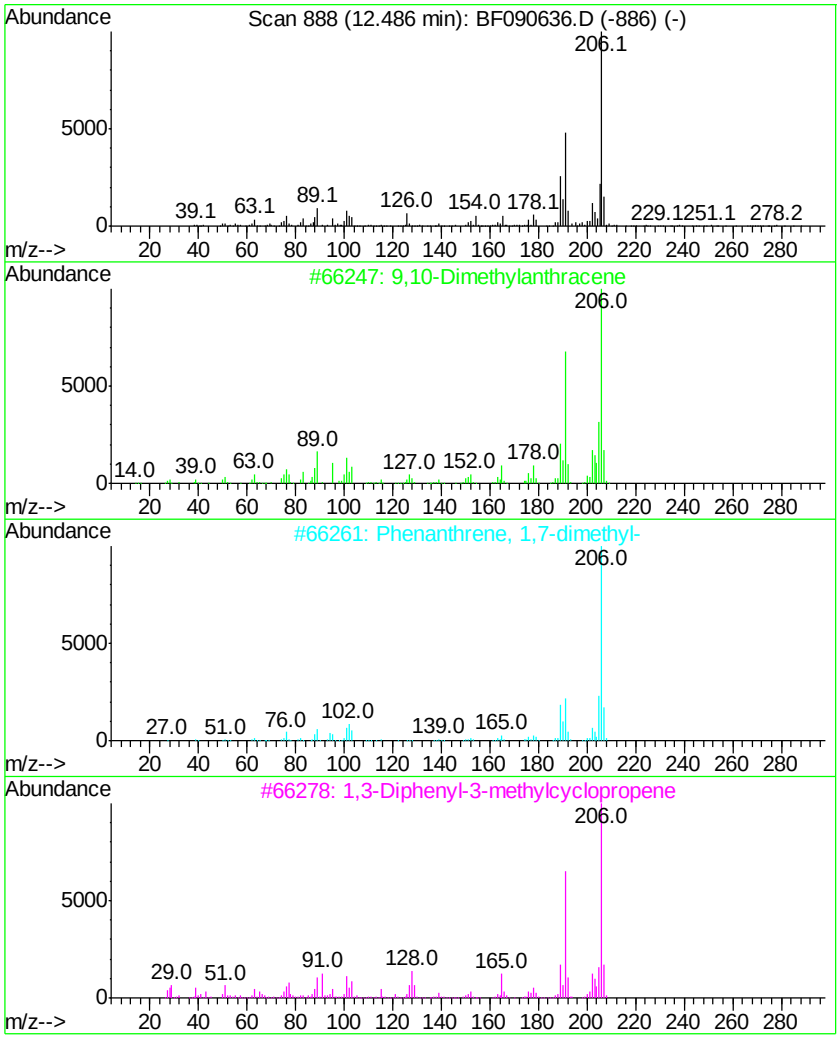
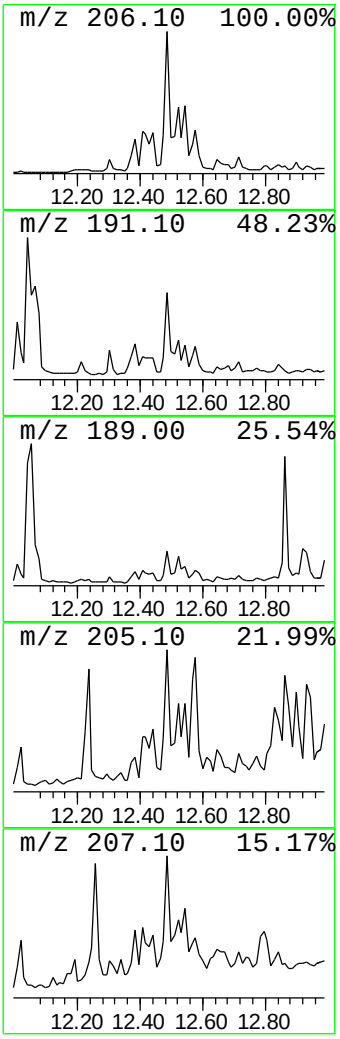
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	4.94 ng	421138	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
3	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId : SP-2-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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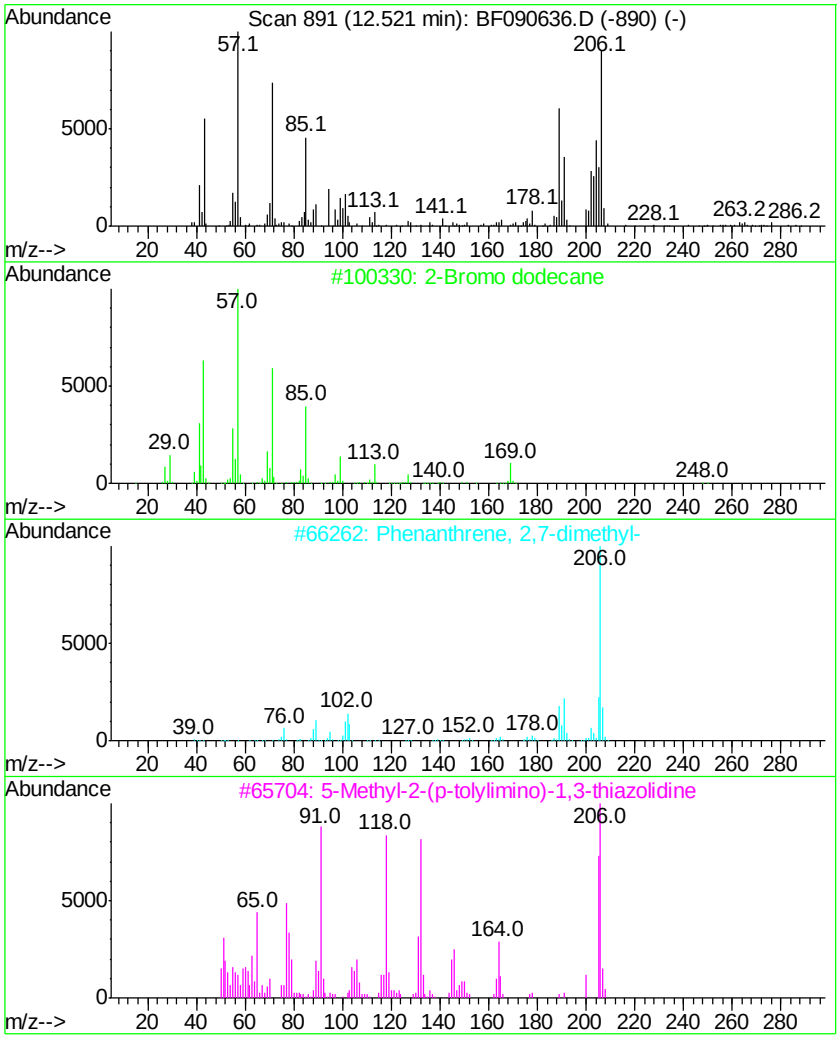
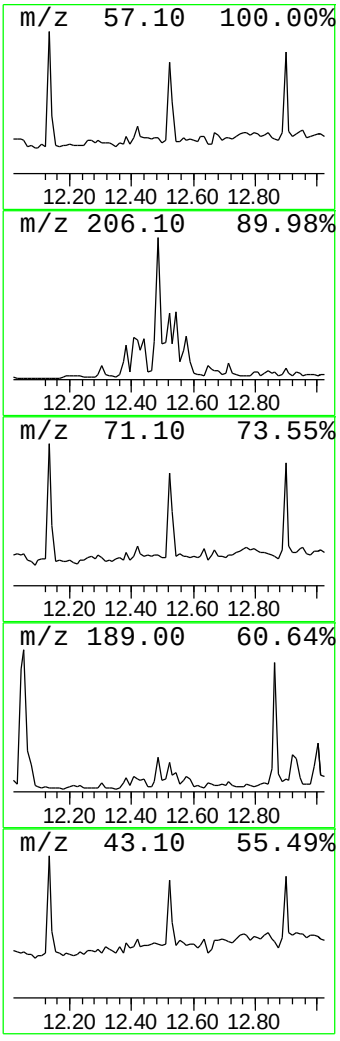
Peak Number 13 unknown12.52 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	3.68 ng	313932	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	35
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	25
3	5-Methyl-2-(p-tolylimino)-1,3-th...	206	C11H14N2S	070446-87-6	25
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	22
5	Dodecane	170	C12H26	000112-40-3	20





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Misc :
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Instrument : BNA_F
ClientSampleId : SP-2-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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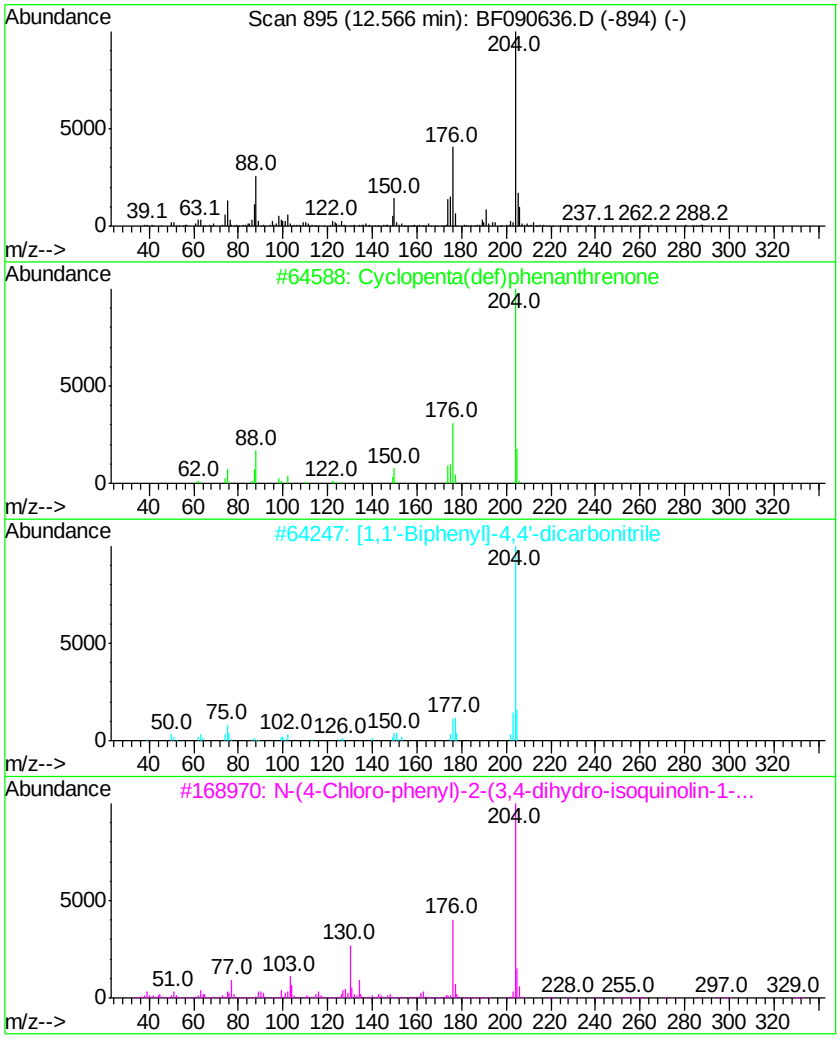
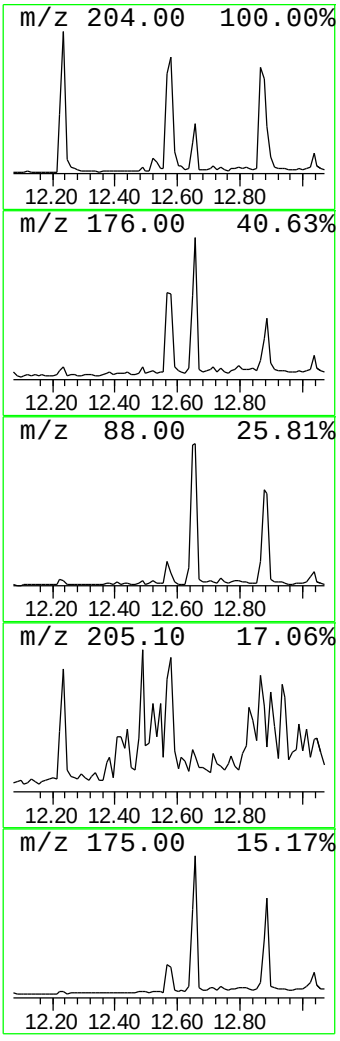
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	5.04 ng	429455	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	42
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
5	.alpha.-l-Mannopyranoside, methy...	394	C16H38O5Si3	056271-60-4	38





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Sample : H5289-06
Misc :
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Instrument : BNA_F
ClientSampleId : SP-2-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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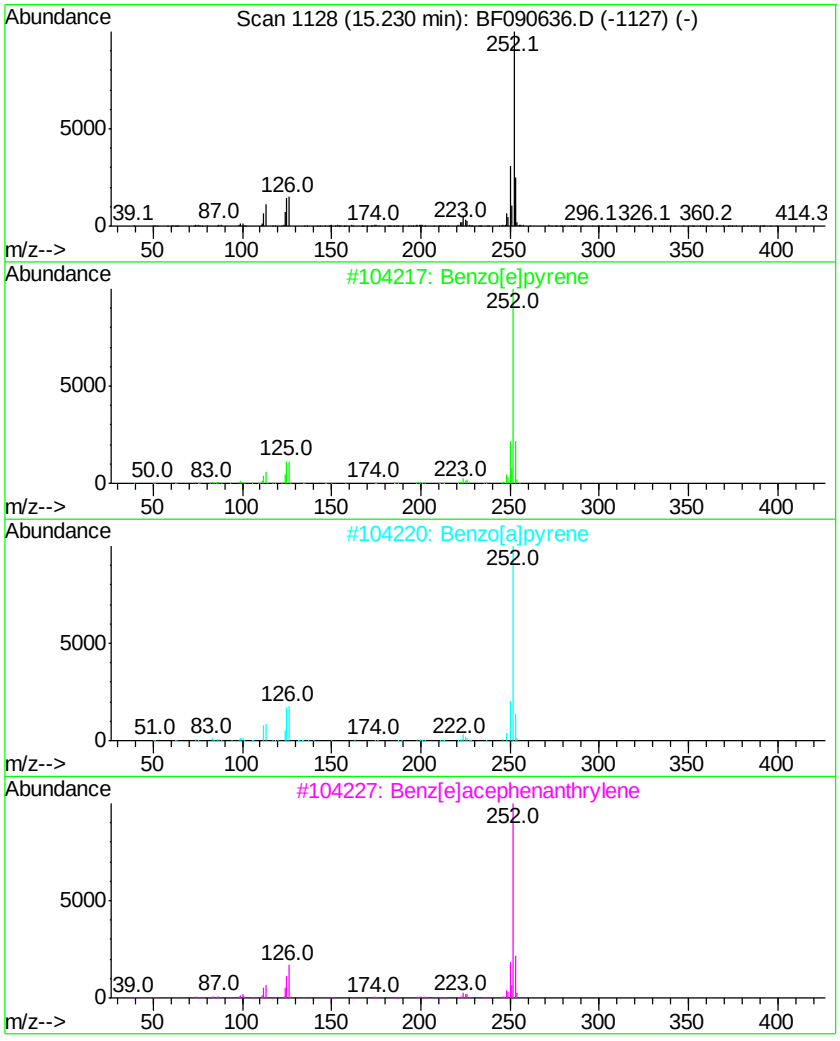
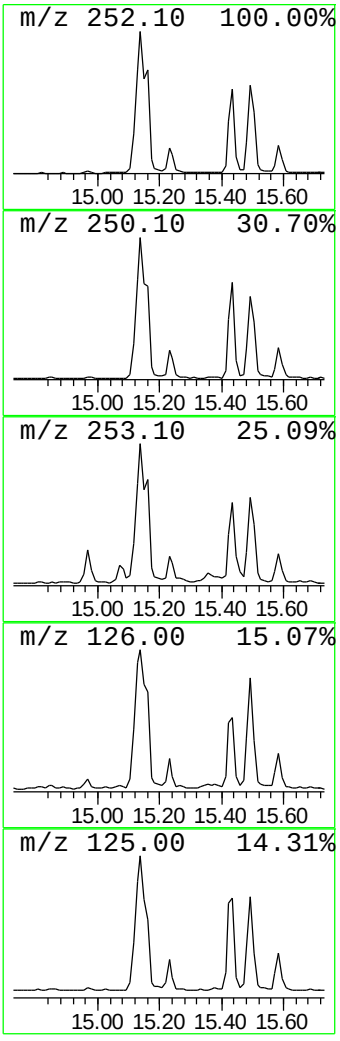
Peak Number 15 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	7.55 ng	507683	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	81





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Sample : H5289-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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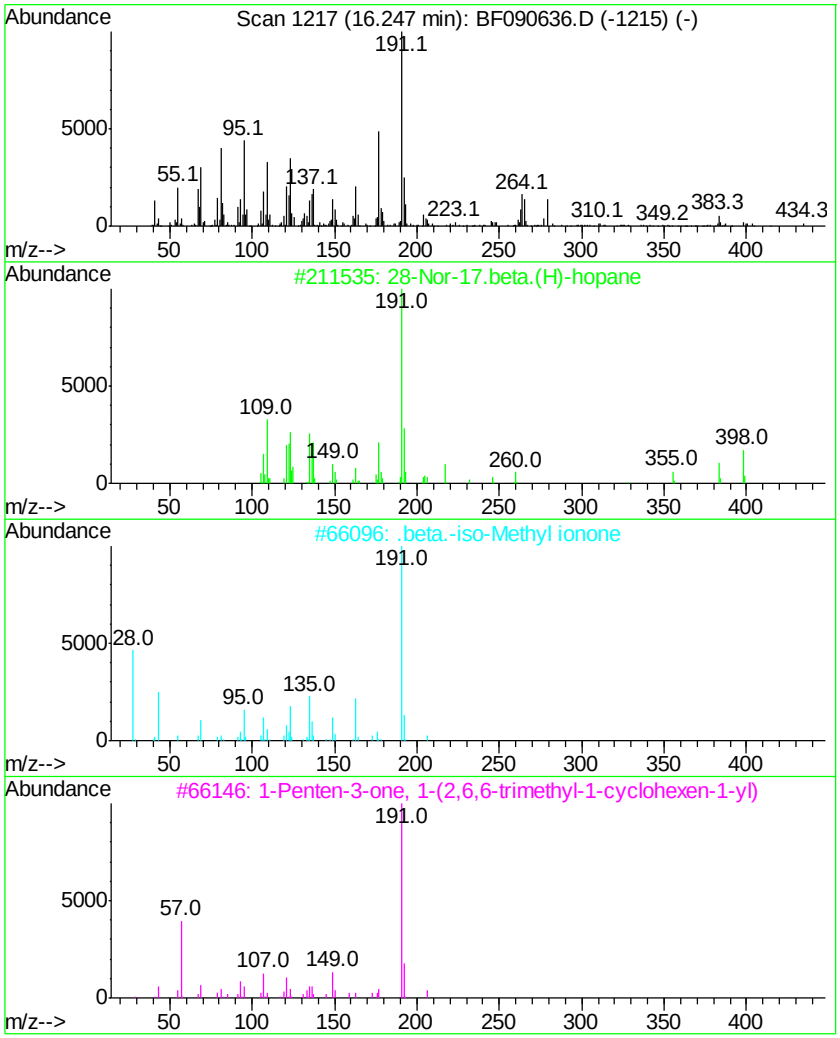
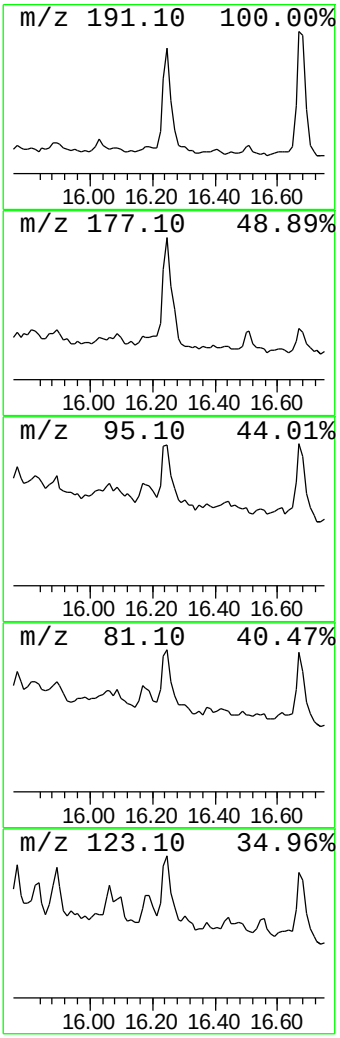
Peak Number 17 28-Nor-17.beta.(H)-hopane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.25	11.68 ng	784967	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	64
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	52
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	27
4	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	25
5	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	25





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Operator : UM/SJ
Sample : H5289-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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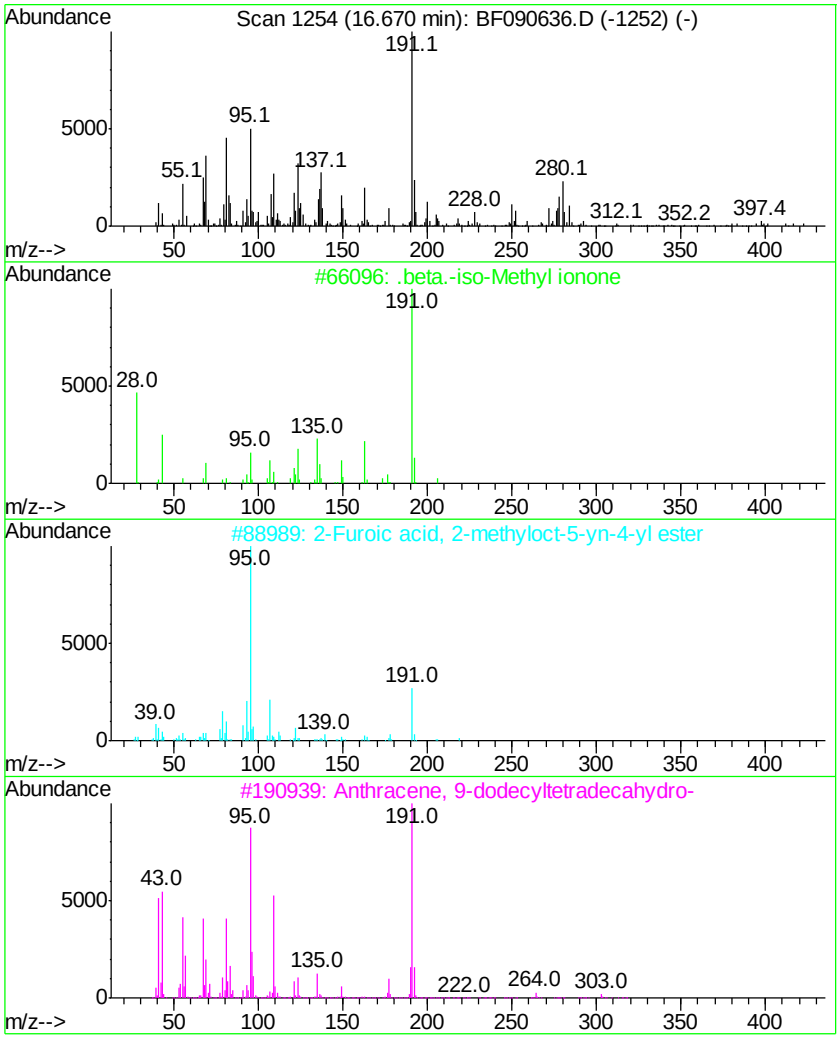
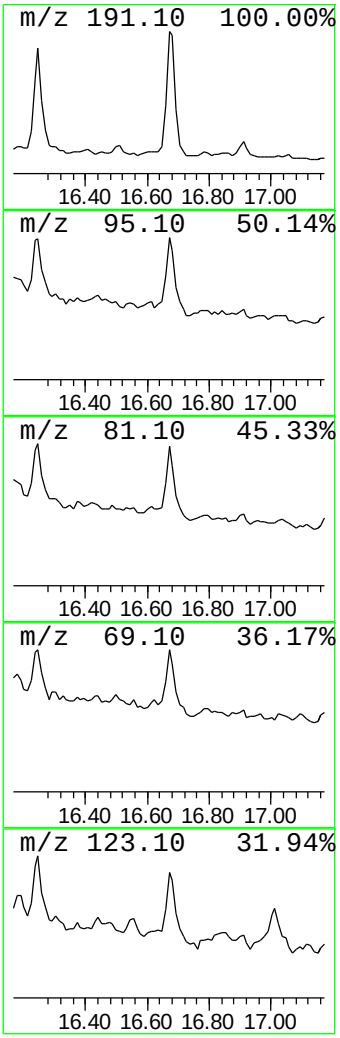
Peak Number 18 .beta.-iso-Methyl ionone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.67	15.76 ng	1059210	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	60
2	2-Furoic acid, 2-methyloct-5-yn-...	234	C14H18O3	1000299-23-7	43
3	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	37
4	5-Fluoro-2-trifluoromethylbenzoi...	402	C18H8Cl2F4O2	1000331-61-3	35
5	5-Fluoro-2-trifluoromethylbenzoi...	376	C20H28F4O2	1000338-54-5	35





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Sample : H5289-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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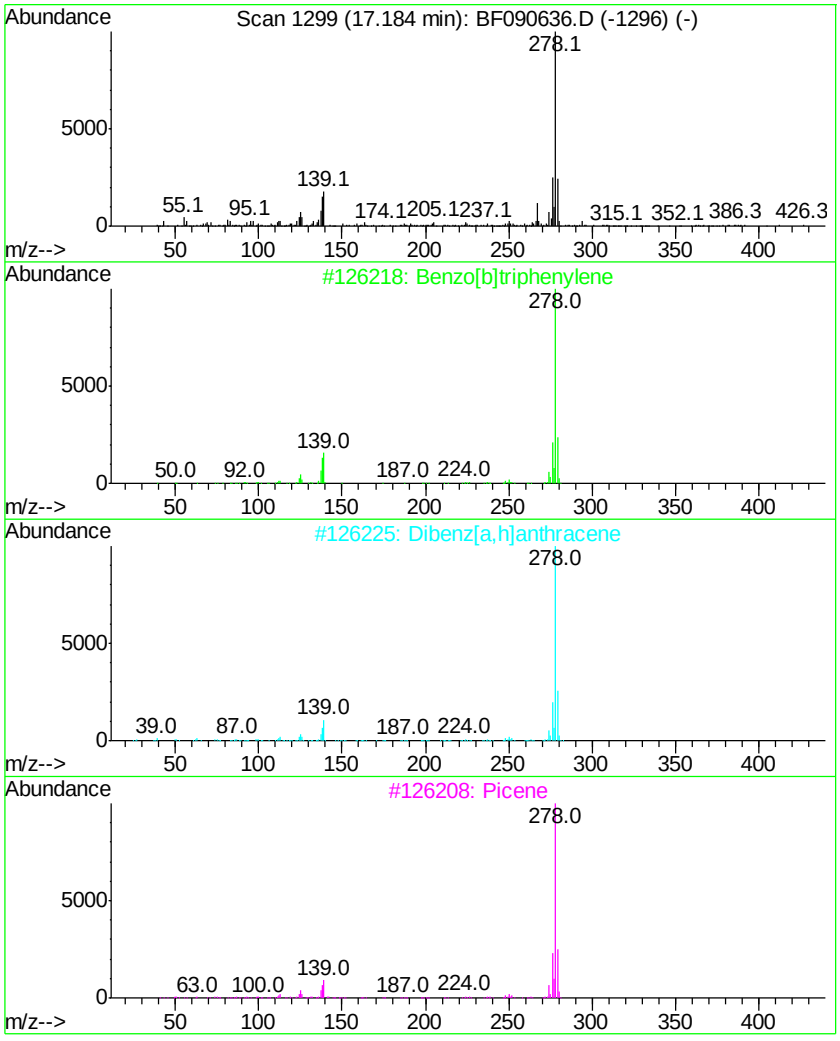
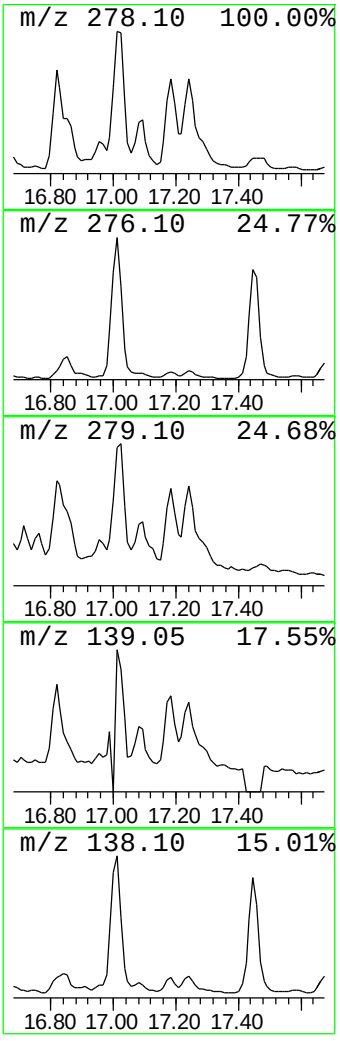
Peak Number 19 Benzo[b]triphenylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.18	4.93 ng	331152	Perylene-d12	15.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
3	Picene	278	C22H14	000213-46-7	97
4	Pentaphene	278	C22H14	000222-93-5	97
5	Benzo[a]naphthacene	278	C22H14	000226-88-0	96





Tentatively Identified Compound (LSC) summary

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Data File : BF090636.D
Acq On : 18 Oct 2016 19:03
Operator : UM/SJ
Sample : H5289-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Hexanol, 2-methyl-	5.08	16.4	ng	1074320	1	6.90	1306070	20.0
unknown6.67	6.67	63.2	ng	4126880	1	6.90	1306070	20.0
Dodecane, 2-methy...	9.88	3.8	ng	331868	3	9.95	1761900	20.0
Hexadecane	10.37	4.7	ng	415452	3	9.95	1761900	20.0
Dodecane, 4,6-dim...	10.86	9.2	ng	779513	4	11.43	1704360	20.0
9H-Fluoren-9-one	11.24	3.8	ng	326710	4	11.43	1704360	20.0
Phenanthrene, 1-m...	11.94	5.3	ng	449502	4	11.43	1704360	20.0
Phenanthrene, 2-m...	11.96	7.9	ng	674997	4	11.43	1704360	20.0
9,10-Anthracenedione	12.26	9.9	ng	841106	4	11.43	1704360	20.0
9,10-Dimethylanth...	12.49	4.9	ng	421138	4	11.43	1704360	20.0
unknown12.52	12.52	3.7	ng	313932	4	11.43	1704360	20.0
Cyclopenta(def)ph...	12.57	5.0	ng	429455	4	11.43	1704360	20.0
Benzo[e]pyrene	15.23	7.5	ng	507683	6	15.56	1344530	20.0
28-Nor-17.beta.(H...	16.25	11.7	ng	784967	6	15.56	1344530	20.0
.beta.-iso-Methyl...	16.67	15.8	ng	1059210	6	15.56	1344530	20.0
Benzo[b]triphenylene	17.18	4.9	ng	331152	6	15.56	1344530	20.0